



BGS:skbr 03/08/04 3382-67150 260215

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lin et al.

Application No. 10/733,223

Filed: December 10, 2003

Confirmation No. To be assigned

For: CODED BLOCK PATTERN DECODING
WITH SPATIAL PREDICTION

Examiner: To be assigned

Art Unit: To be assigned

Attorney Reference No. 3382-67150

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney
for Applicant(s)

Date Mailed March 8, 2004

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(1)

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language and/or non-English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Applicants filed this Information Disclosure Statement ("IDS") within three months of the filing date of a national application. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550.

The present application relies upon U.S. Patent Application No. 10/393,458, filed March 19, 2003, for an earlier filing date under 35 U.S.C. § 120, which application relies upon U.S. Patent Application No. 09/201,272, filed November 30, 1998, for an earlier filing date under 35 U.S.C. § 120. Furthermore, documents listed on the accompanying form PTO-1449 were submitted to or cited by the Patent Office in the earlier U.S. applications. Copies of the

documents listed on the accompanying form PTO-1449 need not be sent to the Patent Office pursuant to 37 C.F.R. § 1.98. However, Applicants will furnish the Patent Office with such copies upon request.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

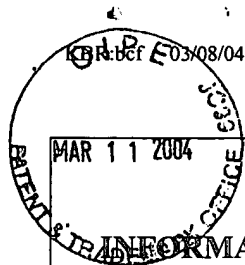
Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By 

Kyle B. Rinehart
Registration No. 47,027

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446



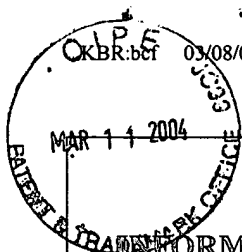
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket Number	3382-67150
	Application Number	10/733,223
	Filing Date	December 10, 2003
	First Named Inventor	Lin
	Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name
		4,999,705	Mar. 1991	Puri
		5,089,887	Feb. 1992	Robert et al.
		5,117,287	May 1992	Koike et al.
		5,155,594	Oct. 1992	Bernstein et al.
		5,258,836	Nov. 1993	Murata
		5,274,453	Dec. 1993	Maeda
		5,319,463	Jun. 1994	Hongu et al.
		5,376,971	Dec. 1994	Kadono et al.
		5,379,351	Jan. 1995	Fandrianto et al.
		5,400,075	Mar. 1995	Savatier
		5,448,297	Sep. 1995	Alattar et al.
		5,465,118	Nov. 1995	Hancock et al.
		5,477,272	Dec. 1995	Zhang et al.
		5,517,327	May 1996	Nakatani et al.
		5,546,129	Aug. 1996	Lee
		5,550,541	Aug. 1996	Todd
		5,552,832	Sep. 1996	Astle

EXAMINER SIGNATURE:	DATE CONSIDERED:
------------------------	---------------------

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.



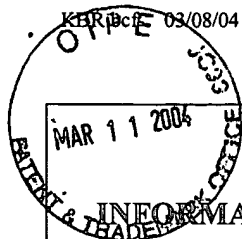
03/08/04 3382-67150

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Attorney Docket Number	3382-67150
				Application Number	10/733,223
				Filing Date	December 10, 2003
				First Named Inventor	Lin
				Art Unit	To be assigned
				Examiner Name	To be assigned
		5,594,504	Jan. 1997	Ebrahimi	
		5,598,215	Jan. 1997	Watanabe	
		5,598,216	Jan. 1997	Lee	
		5,617,144	Apr. 1997	Lee	
		5,619,281	Apr. 1997	Jung	
		5,654,771	Aug. 1997	Tekalp et al.	
		5,668,608	Sep. 1997	Lee	
		5,673,339	Sep. 1997	Lee	
		5,689,306	Nov. 1997	Jung	
		5,692,063	Nov. 1997	Lee et al.	
		5,784,175	Jul. 1998	Lee	
		5,825,830	Oct. 1998	Kopf	
		5,831,559	Nov. 1998	Agarwal et al.	
		5,835,144	Nov. 1998	Matsumura et al.	
		5,835,149	Nov. 1998	Astle	
		5,946,043	Aug. 1999	Lee et al.	
		5,959,673	Sep. 1999	Lee et al.	
		5,970,173	Oct. 1999	Lee et al.	
		5,982,437	Nov. 1999	Okazaki et al.	

EXAMINER
SIGNATURE:

DATE
CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-67150
Application Number	10/733,223
Filing Date	December 10, 2003
First Named Inventor	Lin
Art Unit	To be assigned
Examiner Name	To be assigned

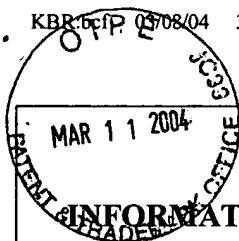
		5,982,438	Nov. 1999	Lin et al.
		6,011,596	Jan. 2000	Burl et al.
		6,035,070	Mar. 2000	Moon et al.
		6,052,150	Apr. 2000	Kikuchi
		6,148,033	Nov. 2000	Pearlstein et al.
		6,215,905	Apr. 2001	Lee et al.

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Country
		0588653 A2	Sep. 1992	EP
		0540350 A2	May 1993	EP
		0614318 A2 A3	Sep. 1994	EP
		0625853 A2 A3	Nov. 1994	EP
		0771114 A2	May 1997	EP
		0786907 A2	Jul. 1997	EP
		0830029 A2	Mar. 1998	EP

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		"Video Coding for Low Bitrate Communication," Draft Recommendation H.263, International Telecommunication Union, Dec. 1995, 51 pages.
		ISO/IEC FCD 14496-2: Information technology--Very-low bitrate audio-visual coding--Part 2: visual [SC 29/WG 11 N 2202], ISO/IEC JTC 1/SC 29/WG 11, May 28, 1998.

EXAMINER SIGNATURE:	DATE CONSIDERED:
* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.	



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number 3382-67150

Application Number 10/733,223

Filing Date December 10, 2003

First Named Inventor Lin

Art Unit To be assigned

Examiner Name To be assigned

		Fogg, "Survey of Software and Hardware VLC Architectures," SPIE vol. 2186, pp. 29-37 (no date of publication) 1994.
		Gersho et al., "Vector Quantization and Signal Compression," Entry Coding, Chapter 9, pp. 259-305 (1992).
		Gibson et al., Digital Compression of Multimedia, "Lossless Source Coding," Chapter 2, pp. 17-62 (1998).
		Gibson et al., Digital Compression of Multimedia, "Universal Lossless Source Coding," Chapter 3, pp. 63-112 (1998).
		Gibson et al., Digital Compression of Multimedia, "Multimedia Conferencing Standards," Chapter 10, pp. 309-362 (1998).
		Gibson et al., Digital Compression of Multimedia, "MPEG Compression," Chapter 11, pp. 363-418 (1998).
		International Organization for Standardisation ISO/IEC JTC1/SC29/WG11, N2459 "Overview of the MPEG-4 Standards," (Oct. 1998).
		ITU-T, "ITU-T Recommendation H.263 Video Coding for Low Bit Rate Communication," (Feb. 1998).
		Kunt, Second-Generation Image-Coding Techniques, Proceedings of IEEE, vol. 73, No. 4, pp. 549-574 (Apr. 1985).
		Le Gall, MPEG: A Video Compression Standard for Multimedia Applications Communications of the ACM, vol. 34, No. 4, pp. 47-58 (Apr. 1991).
		Lee et al., "A Layered Video Object Coding System Using Sprite and Affine Motion Model, IEEE Transactions on Circuits and Systems for Video Technology," vol. 7, No. 1, pp. 130-145 (Feb. 1997).
		Pennebaker et al., "JPEG Still Image Data Compression Standard," Chapter 20, pp. 325-329, 1993 (no publication date).
		ISO, ISO/IEC JTC1/SC29/WG11 MPEG 97/N1642, "MPEG-4 Video Verification Model Version 7.0 3. Encoder Definition," pp. 1, 17-122, Bristol (Apr. 1997).
		Yu et al., "Two-Dimensional Motion Vector Coding for Low Bitrate Videophone Applications," Proc. Int'l Conf. on Image Processing, Los Alamitos, US, pp. 414-417, IEEE Comp. Soc. Press (1995).
		ISO, ISO/IEC JTC1/SC29/WG11, Information Technology-Coding of Audio-Visual Objects: Visual, ISO/IEC 14496-2, "Section 6.3.7: Macroblock related," pp. i-v, 118-119 (Mar., 1998).

EXAMINER
SIGNATURE:

DATE
CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket Number	3382-67150
		Application Number	10/733,223
		Filing Date	December 10, 2003
		First Named Inventor	Lin
		Art Unit	To be assigned
		Examiner Name	To be assigned
		ISO, ISO/IEC JTC1/SC29/WG11, Information Technology-Coding of Audio-Visual Objects: Visual, ISO/IEC 14496-2, "Section 11.1: Variable length codes," pp. i-v, 234-238 (Mar., 1998).	
		ITU-T, "Draft H.263 specification," Video Coding for Low Bitrate Communication, "Section 5.3: Macroblock Layer," pp. i, 13-21 (Dec. 1995).	
		ITU-T, "Draft H.263 specification," Video Coding for Low Bitrate Communication, "Annex E: Syntax-based Arithmetic Coding Mode," pp. i, 34-40 (Dec. 1995).	
		ISO, ISO/IEC JTC1/SC29/WG11 MPEG 97/N1642, "MPEG-4 Video Verification Model Version 7.0, 6.0 Appendix A: Combined Motion Shape Texture Coding," pp. 195-203, Bristol (April 1997).	

EXAMINER SIGNATURE:	DATE CONSIDERED:
<p>* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	